

02
(02 2171)

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DC - A13 A14 P73 Q71
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IC - B32B7/02 ; B32B27/30 ; C08J5/18 ; C08K7/16 ; C08L33/12 ; F21V1/22
MC - A04-C01A A04-F06E4 A08-M09C A08-R01 A08-R08B A12-L03
PA - (ASAH) ASAHI KASEI KOGYO KK
PN - JP11172019 A 19990629 DW199936 C08J5/18 007pp
PR - JP19970340234 19971210
XA - C1999-125448
XIC - B32B-007/02 ; B32B-027/30 ; C08J-005/18 ; C08K-007/16 ; C08L-033/12 ;
F21V-001/22
XP - N1999-317609

02 → AB - JP11172019 Acrylic resin plate is formed of a resin composition consisting of: (A) 100 pts. wt. of methacrylic resin; (B) 0.1-0.9 pt. wt. of spherical polystyrene-type crosslinked particles having average particle size of at least 1 micron and smaller than 5 microns; (C) 0.1-10 pts. wt. of organic spherical crosslinked particles having average particle size of 1-20 microns; and (D) 0.1-10 pts. wt. of inorganic light diffusing agents having average particle size of smaller than 1 micron or at least 8 microns. $\leq 1 \mu m$ or $\geq 8 \mu m$

Also claimed are: (1) acrylic resin plate obtained by laminating a layer formed of a resin composition consisting of (E) 100 pts. wt. of methacrylic resin, (F) inorganic light diffusing agents having average particle size of 1-100 microns and (G) organic spherical crosslinked particles having average particle size of 1-100 microns, the total amt. of (F) and (G) being 8-50 pts. wt. and the wt. ratio of (G)/(F) being at least 0.2 on one or both sides of the acrylic resin plate in thickness of 10-500 microns and (2) implement for covering illumination obtained by moulding the acrylic resin plate.

- ADVANTAGE - The acrylic resin plate has good light diffusion properties, light transmittance and lightfastness.
- (Dwg.0/0)

IW - ACRYLIC RESIN PLATE LIGHT DIFFUSION PROPERTIES FORMING RESIN COMPOSITION CONSIST METHACRYLIC RESIN SPHERE POLYSTYRENE TYPE CROSSLINK PARTICLE ORGANIC SPHERE CROSSLINK PARTICLE INORGANIC LIGHT DIFFUSION PARTICLE

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NC - 001

OPD - 1997-12-10

ORD - 1999-06-29

PAW - (ASAH) ASAHI KASEI KOGYO KK

TI - Acrylic resin plate with good light diffusion properties - formed of a resin composition consisting of methacrylic resin, spherical polystyrene-type crosslinked particles, organic spherical crosslinked particles, and inorganic light diffusing particles

A01 - [001] 018 ; G0384-R G0339 G0260 G0022 D01 D12 D10 D26 D51 D53 D58 D63

At: 6-12 μm
A10: 10-20 μm

PS-part.
0.1-0.9
1-5 μm

0.1-10
1-20 μm

0.1-10
 $\leq 1-28 \mu m$
Quartz, Particled

A1 analog; Part
1-7.5 μm

F41 F89 G0306-R G0271 D84 F36 F35 ; P0088-R ; H0000 ; H0011-R ;
 S9999 S1285-R ; S9999 S1581 ; S9999 S1434
 - [002] 018 ; ND00 ; ND01 ; Q9999 Q8311 Q8264 ; Q9999 Q8264-R ;
 N9999 N6440-R ; B9999 B5243-R B4740 ; B9999 B4251 B4240 ; B9999
 B4444 B4240
 - [003] 018 ; D00 G3190 R01541 F80 O- 6A Mg 2A Si 4A ; R01278 D00 F44
 C- 4A O- 6A Ca 2A ; R01739 D00 F60 O- 6A S- Ba 2A ; R01966 D00 F20
 Ti 4B Tr O- 6A ; D00 ; A999 A748 ; B9999 B4251 B4240 ; S9999
 S1456-R ; B9999 B5196 B5185 B4740 ; B9999 B5209 B5185 B4740 ; A999
 A771
 A02 - [001] 018 ; R00708 G0102 G0022 D01 D02 D12 D10 D19 D18 D31 D51 D53
 D58 D76 D88 ; H0000 ; H0011-R ; M9999 M2073 ; S9999 S1456-R ;
 A999 A748 ; A999 A782 ; P1741 ; P1752
 - [002] 018 ; P1445-R F81 Si 4A ; S9999 S1456-R ; M9999 M2073 ; A999
 A748 ; A999 A782